

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ms. Yoon Kim on 10/14/2009.

The application has been amended as follows:

In the Claims:

Please rejoin claims 14 and 15

Please cancel claim 16

In claim 14:

Please amend claim 14 as follows:

A method of manufacturing a lithium secondary battery, comprising: preparing a lithium secondary battery by injecting a non-aqueous electrolyte comprising a lithium salt, a non-aqueous organic solvent, a phosphonate compound with an unsaturated hydrocarbon group, and a polymerization initiator between positive and negative electrodes; and reacting the phosphonate compound with the unsaturated hydrocarbon group to prepare a linear polymer with P=O bonds.

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wherein the phosphonate compound with the unsaturated hydrocarbon ,group is at least one selected from the ,group consisting of allyl diethylphosphonoacetate $(C_2H_5O)_2P(O)CH_2CO_2CH_2CH=CH_2$, triethyl 3-methyl-4-phosphonocrotonate $(C_2H_5O)_2P(O)CH_2C(CH_3)-CHCO_2C_2H_5$, and allyl tetraisopropylphosphonodiamidite $([(CH_3)_2CH]_2N)_2POCH_2CH=CH_2$.

The following changes to the drawings have been approved by the examiner and agreed upon by applicant:

Where only a single view is used in an application to illustrate the claimed invention, it must not be numbered and the abbreviation "FIG." must not appear. See MPEP 608.02.

In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to CYNTHIA LEE whose telephone number is (571)272-8699. The examiner can normally be reached on Monday-Friday 8:30am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick J. Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Cynthia Lee/
Examiner, Art Unit 1795

/PATRICK RYAN/
Supervisory Patent Examiner, Art
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